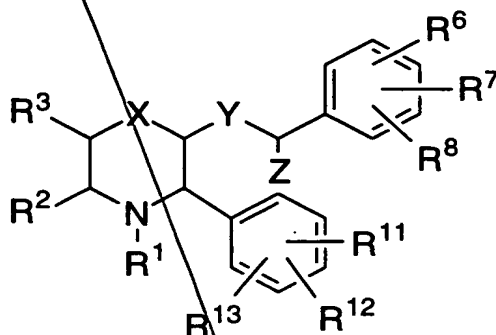


WHAT IS CLAIMED IS:

1. A compound of the structural formula:




5 or a pharmaceutically acceptable salt thereof, wherein:

R¹ is selected from the group consisting of:

- (1) hydrogen;
- (2) C₁-6 alkyl, unsubstituted or substituted with one or more
10 of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁-6 alkoxy,
 - (d) phenyl-C₁-3 alkoxy,
 - 15 (e) phenyl,
 - (f) -CN,
 - (g) halo, wherein halo is fluoro, chloro, bromo or iodo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are independently
20 selected from:
 - (i) hydrogen,
 - (ii) C₁-6 alkyl,
 - (iii) hydroxy-C₁-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined
25 above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,

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- 5 (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(l) -COR⁹, wherein R⁹ is as defined above,
(m) -CO₂R⁹, wherein R⁹ is as defined above;
(n) heterocycle, wherein the heterocycle is selected from the group consisting of:
- 10 (A) benzimidazolyl,
(B) benzofuranyl,
(C) benzothiophenyl,
(D) benzoxazolyl,
(E) furanyl,
(F) imidazolyl,
(G) indolyl,
(H) isooxazolyl,
15 (I) isothiazolyl,
(J) oxadiazolyl,
(K) oxazolyl,
(L) pyrazinyl,
(M) pyrazolyl,
20 (N) pyridyl,
(O) pyrimidyl,
(P) pyrrolyl,
(Q) quinolyl,
(R) tetrazolyl,
25 (S) thiadiazolyl,
(T) thiazolyl,
(U) thienyl,
(V) triazolyl,
(W) azetidinyll,
30 (X) 1,4-dioxanyl,
(Y) hexahydroazepinyl,
(Z) piperazinyl,
(AA) piperidinyl,
(AB) pyrrolidinyl,
- 

(AC) tetrahydrofuranyl, and

(AD) tetrahydrothienyl,

and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s)

selected from:

(i) C₁₋₆ alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,

(ii) C₁₋₆ alkoxy,

(iii) oxo,

(iv) hydroxy,

(v) thioxo,

(vi) -SR⁹, wherein R⁹ is as defined above,

(vii) halo,

(viii) cyano,

(ix) phenyl,

(x) trifluoromethyl,

(xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,

(xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiv) -CO₂R⁹, wherein R⁹ is as defined above, and

(xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:


(a) hydroxy,

(b) oxo,

(c) C₁₋₆ alkoxy,

(d) phenyl-C₁₋₃ alkoxy,


(e) phenyl,


- 5
- (f) -CN,
(g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above,
(k) heterocycle, wherein the heterocycle is as defined above;
- 10
- (4) C₂₋₆ alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- 15
- (a) hydroxy,
(b) C₁₋₆ alkoxy,
(c) C₁₋₆ alkyl,
(d) C₂₋₅ alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,
- 20
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 25
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 30
- (n) -COR⁹, wherein R⁹ is as defined above;
(o) -CO₂R⁹, wherein R⁹ is as defined above;
- 

R² and R³ are independently selected from the group consisting of:

- (1) hydrogen,
- (2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (l) -COR⁹, wherein R⁹ is as defined above, and
 - (m) -CO₂R⁹, wherein R⁹ is as defined above;
- (3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
 - (i) -COR⁹ wherein R⁹ is as defined above,
 - (j) -CO₂R⁹, wherein R⁹ is as defined above;

- (4) C2-6 alkynyl;
- (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
 - (b) C1-6 alkoxy,
 - (c) C1-6 alkyl,
 - (d) C2-5 alkenyl,
 - (e) halo,
 - (f) -CN,
 - (g) -NO₂,
 - (h) -CF₃,
 - (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (n) -COR⁹, wherein R⁹ is as defined above; .
 - (o) -CO₂R⁹, wherein R⁹ is as defined above;
- R⁶, R⁷ and R⁸ are independently selected from the group consisting of:
- (1) hydrogen;
 - (2) C1-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C1-6 alkoxy,
 - (d) phenyl-C1-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,

- (g) halo,
- (h) $-NR^9R^{10}$, wherein R^9 and R^{10} are as defined above,
- (i) $-NR^9COR^{10}$, wherein R^9 and R^{10} are as defined above,
- 5 (j) $-NR^9CO_2R^{10}$, wherein R^9 and R^{10} are as defined above,
- (k) $-CONR^9R^{10}$, wherein R^9 and R^{10} are as defined above,
- (l) $-COR^9$, wherein R^9 is as defined above, and
- 10 (m) $-CO_2R^9$, wherein R^9 is as defined above;
- (3) C2-6 alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
- (b) oxo,
- 15 (c) C1-6 alkoxy,
- (d) phenyl-C1-3 alkoxy,
- (e) phenyl,
- (f) $-CN$,
- (g) halo,
- 20 (h) $-CONR^9R^{10}$ wherein R^9 and R^{10} are as defined above,
- (i) $-COR^9$ wherein R^9 is as defined above,
- (j) $-CO_2R^9$, wherein R^9 is as defined above;
- (4) C2-6 alkynyl;
- 25 (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
- (b) C1-6 alkoxy,
- (c) C1-6 alkyl,
- 30 (d) C2-5 alkenyl,
- (e) halo,
- (f) $-CN$,
- (g) $-NO_2$,
- (h) $-CF_3$,
- 

- 5 (i) $-(CH_2)_m-NR^9R^{10}$, wherein m , R^9 and R^{10} are as defined above,
(j) $-NR^9COR^{10}$, wherein R^9 and R^{10} are as defined above,
(k) $-NR^9CO_2R^{10}$, wherein R^9 and R^{10} are as defined above,
(l) $-CONR^9R^{10}$, wherein R^9 and R^{10} are as defined above,
10 (m) $-CO_2NR^9R^{10}$, wherein R^9 and R^{10} are as defined above,
(n) $-COR^9$, wherein R^9 is as defined above;
(o) $-CO_2R^9$, wherein R^9 is as defined above;
(6) halo,
(7) $-CN$,
15 (8) $-CF_3$,
(9) $-NO_2$,
(10) $-SR^{14}$, wherein R^{14} is hydrogen or C_{1-5} alkyl,
(11) $-SOR^{14}$, wherein R^{14} is as defined above,
(12) $-SO_2R^{14}$, wherein R^{14} is as defined above,
20 (13) NR^9COR^{10} , wherein R^9 and R^{10} are as defined above,
(14) $CONR^9COR^{10}$, wherein R^9 and R^{10} are as defined above,
(15) NR^9R^{10} , wherein R^9 and R^{10} are as defined above,
(16) $NR^9CO_2R^{10}$, wherein R^9 and R^{10} are as defined above,
(17) hydroxy,
25 (18) C_{1-6} alkoxy,
(19) COR^9 , wherein R^9 is as defined above,
(20) CO_2R^9 , wherein R^9 is as defined above,
(21) 2-pyridyl,
(22) 3-pyridyl,
30 (23) 4-pyridyl,
(24) 5-tetrazolyl,
(25) 2-oxazolyl, and
(26) 2-thiazolyl;
- 

R11, R12 and R13 are independently selected from the definitions of R6, R7 and R8;

X is selected from the group consisting of:

- 5 (1) -O-,
- (2) -S-,
- (3) -SO-, and
- (4) -SO₂-;

10 Y is selected from the group consisting of:

- (1) a single bond,
- (2) -O-,
- (3) -S-,
- (4) -CO-,
- 15 (5) -CH₂-,
- (6) -CHR₁₅-, and
- (7) -CR₁₅R₁₆-, wherein R₁₅ and R₁₆ are independently selected from the group consisting of:
 - 20 (a) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (i) hydroxy,
 - (ii) oxo,
 - (iii) C₁₋₆ alkoxy,
 - (iv) phenyl-C₁₋₃ alkoxy,
 - 25 (v) phenyl,
 - (vi) -CN,
 - (vii) halo,
 - (viii) -NR⁹R₁₀, wherein R⁹ and R₁₀ are as defined above,
 - 30 (ix) -NR⁹COR₁₀, wherein R⁹ and R₁₀ are as defined above,
 - (x) -NR⁹CO₂R₁₀, wherein R⁹ and R₁₀ are as defined above,

- (xi) $-\text{CONR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
- (xii) $-\text{COR}^9$, wherein R^9 is as defined above, and
- (xiii) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;

5

(b) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

10

- (i) hydroxy,
- (ii) C₁₋₆ alkoxy,
- (iii) C₁₋₆ alkyl,
- (iv) C₂₋₅ alkenyl,
- (v) halo,
- (vi) $-\text{CN}$,
- (vii) $-\text{NO}_2$,
- (viii) $-\text{CF}_3$,
- (ix) $-(\text{CH}_2)_m-\text{NR}^9\text{R}^{10}$, wherein m , R^9 and R^{10} are as defined above,
- (x) $-\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
- (xi) $-\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
- (xii) $-\text{CONR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
- (xiii) $-\text{CO}_2\text{NR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
- (xiv) $-\text{COR}^9$, wherein R^9 is as defined above, and
- (xv) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above; and

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Z is C₁₋₆ alkyl.

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2. The compound of Claim 1 wherein:
R¹ is C₁-6 alkyl, substituted with one or more of the substituents
selected from:

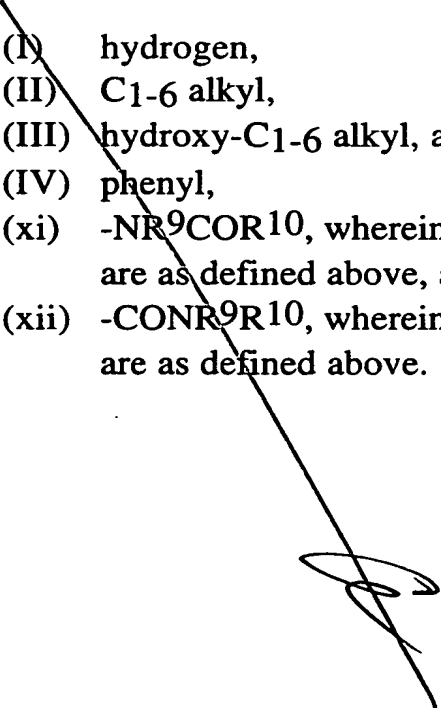
heterocycle, wherein the heterocycle is selected from the
group consisting of:

- (A) benzimidazolyl,
- (B) imidazolyl,
- (C) isooxazolyl,
- (D) isothiazolyl,
- (E) oxadiazolyl,
- (F) pyrazinyl,
- (G) pyrazolyl,
- (H) pyridyl,
- (I) pyrrolyl,
- (J) tetrazolyl,
- (K) thiadiazolyl,
- (L) triazolyl, and
- (M) piperidinyl,

and wherein the heterocycle is unsubstituted or
substituted with one or more substituent(s) selected
from:

- (i) C₁-6 alkyl, unsubstituted or substituted
with halo, -CF₃, -OCH₃, or phenyl,
- (ii) C₁-6 alkoxy,
- (iii) oxo,
- (iv) thioxo,
- (v) cyano,
- (vi) -SCH₃,
- (vii) phenyl,
- (viii) hydroxy,
- (ix) trifluoromethyl, and
- (x) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or
2, and wherein R⁹ and R¹⁰ are
independently selected from:

5

- (I) hydrogen,
 - (II) C₁₋₆ alkyl,
 - (III) hydroxy-C₁₋₆ alkyl, and
 - (IV) phenyl,
 - (xi) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰
are as defined above, and
 - (xii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰
are as defined above.
- 

3. The compound of Claim 1 wherein:

R² and R³ are independently selected from the group consisting of:

- 5 (1) hydrogen,
 (2) C₁₋₆ alkyl,
 (3) C₂₋₆ alkenyl, and
 (4) phenyl;

R⁶, R⁷ and R⁸ are independently selected from the group consisting of:

- 10 (1) hydrogen,
 (2) C₁₋₆ alkyl,
 (3) fluoro,
 (4) chloro,
 (5) bromo,
15 (6) iodo, and
 (7) -CF₃;

R¹¹, R¹² and R¹³ are independently selected from the group consisting of:

- 20 (1) hydrogen,
 (2) C₁₋₆ alkyl,
 (3) fluoro,
 (4) chloro,
 (5) bromo,
25 (6) iodo, and
 (7) -CF₃;

X is -O-;

Y is -O-; and

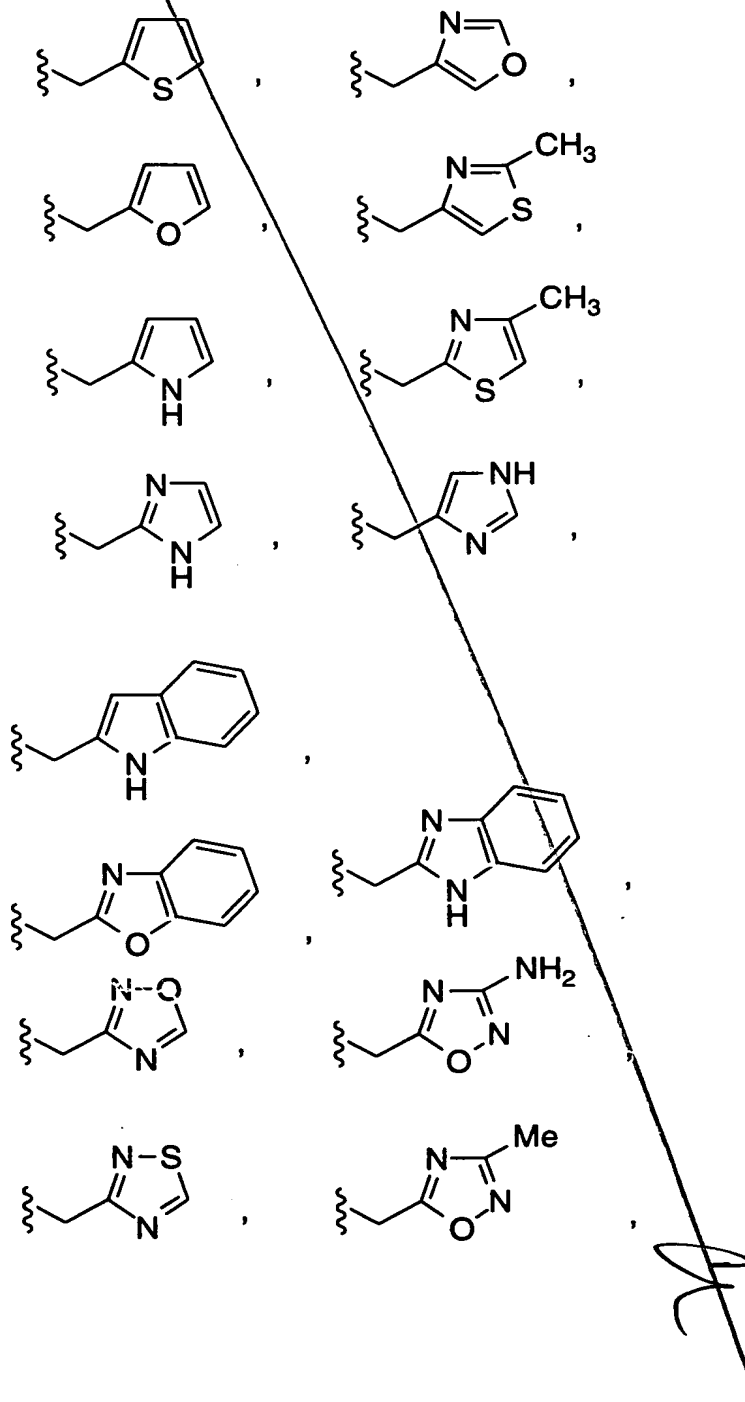
Z is C₁₋₄ alkyl.

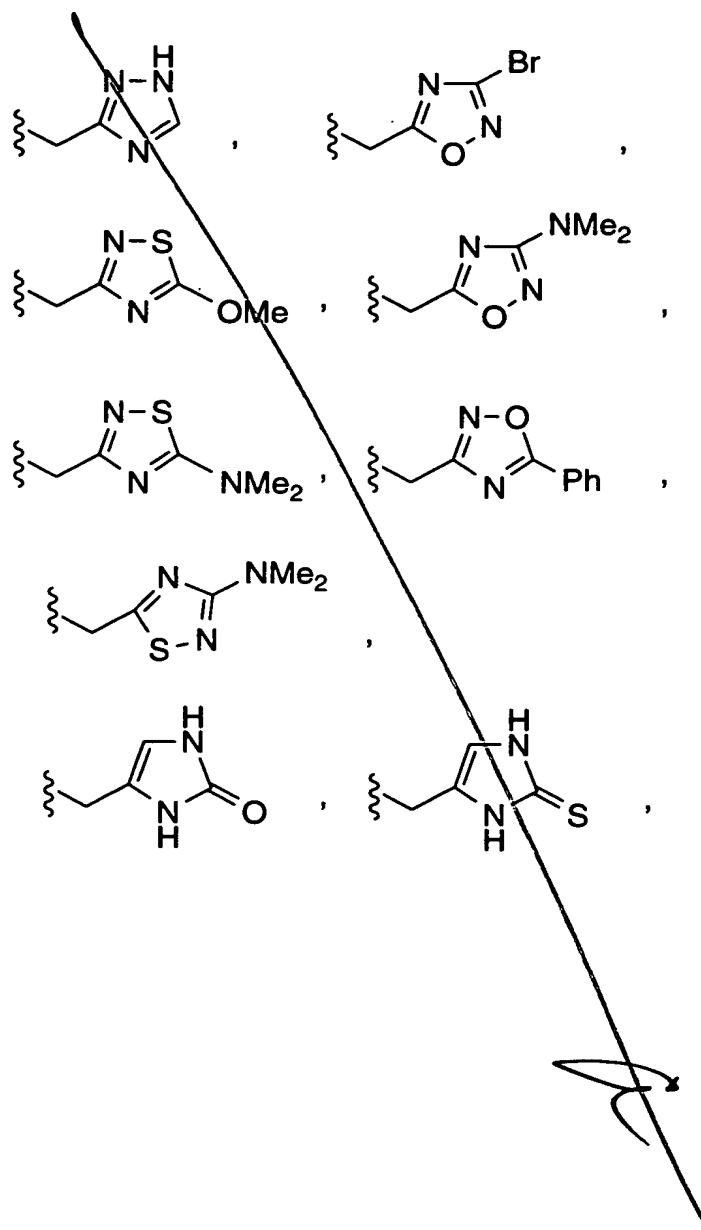
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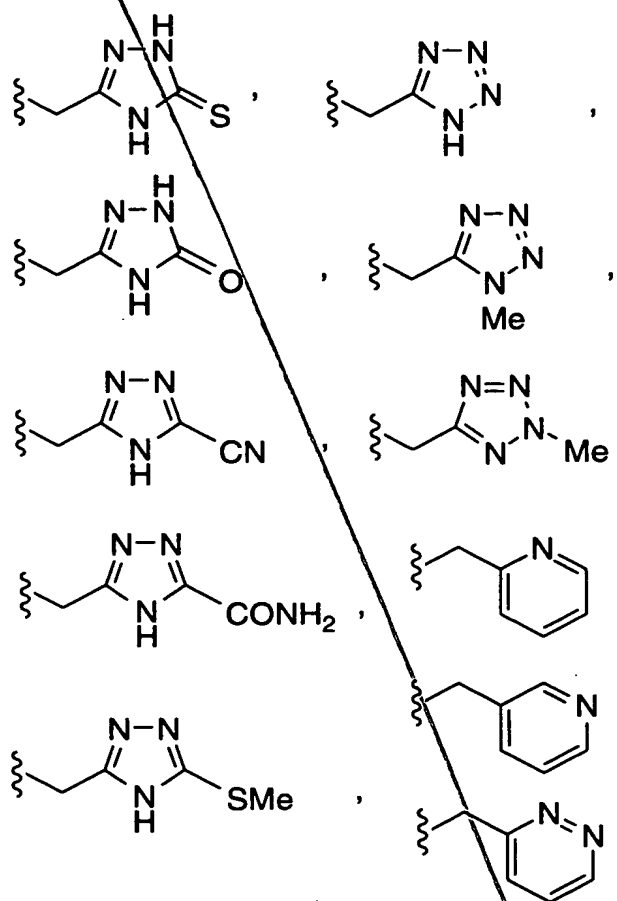
4. The compound of Claim 1 wherein Z is C₁₋₄ alkyl.

5. The compound of Claim 1 wherein Z is -CH₃.

6. The compound of Claim 1 wherein R¹ is selected from the group consisting of:







- 5

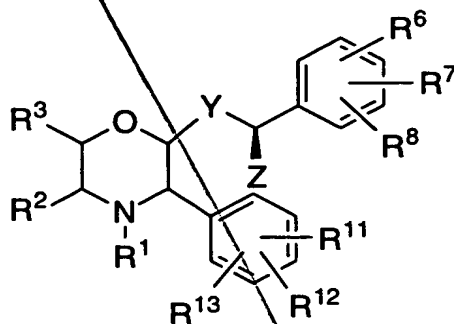
(1,2,4-triazolo)methyl; and
(5-oxo-1H,4H-1,2,4-triazolo)methyl.

- 10

(1,3-imidazolo)methyl; and
(2-oxo-1,3-imidazolo)methyl.

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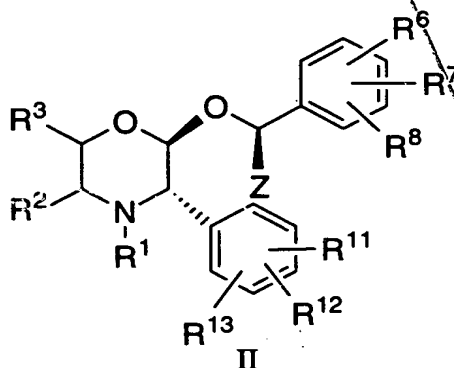
9. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶, R⁷, R⁸, R¹¹, R¹², R¹³, Y and Z are as defined in Claim 1.

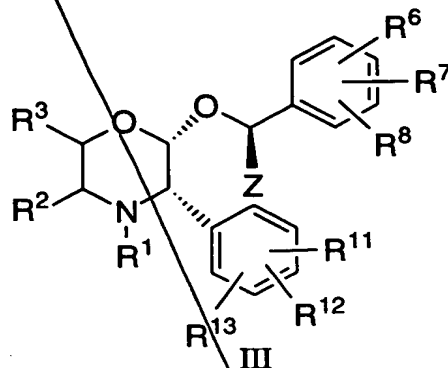
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10. The compound of Claim 1 of the structural formula II:



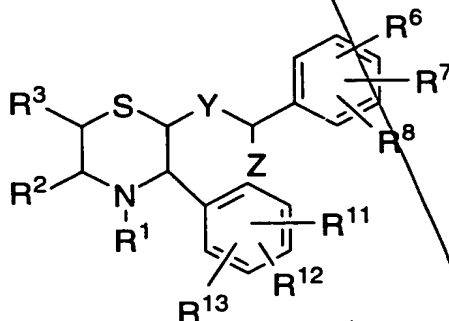
- 10 or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶, R⁷, R⁸, R¹¹, R¹², R¹³ and Z are as defined in Claim 1.

11. The compound of Claim 1 of the structural formula III:



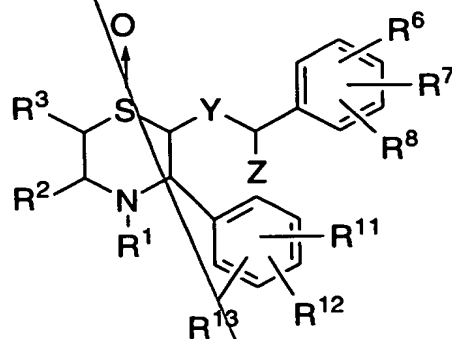
or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶,
5 R⁷, R⁸, R¹¹, R¹², R¹³ and Z are as defined in Claim 1.

12. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶,
10 R⁷, R⁸, R¹¹, R¹², R¹³, Y and Z are as defined in Claim 1.

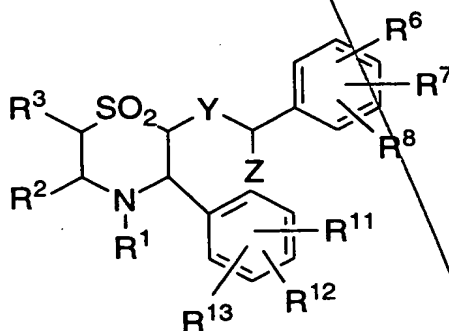
13. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R6, R7, R8, R11, R12, R13, Y and Z are as defined in Claim 1.

5

14. The compound of Claim 1 of the structural formula:

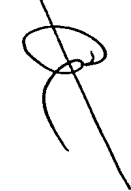


or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R6, R7, R8, R11, R12, R13, Y and Z are as defined in Claim 1.


10


15. A compound which is selected from the group
consisting of:


- 5 1) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenyl-morpholine;
- 2) (2R,S)-(3,5-bis(trifluoromethyl)benzyloxy)-(3R)-phenyl-(6R)-methyl-morpholine;
- 10 3) (2R,S)-(3,5-bis(trifluoromethyl)benzyloxy)-(3S)-phenyl-(6R)-methyl-morpholine;
- 4) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenyl-4-methylcarboxamido-morpholine;
- 15 5) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenyl-4-methoxy-carbonylmethyl-morpholine;
- 6) 2-(2-(3,5-bis(trifluoromethyl)phenyl)ethenyl)-3-phenyl-5-oxo-morpholine;
- 20 7) 3-phenyl-2-(2-(3,5-bis(trifluoromethyl)phenyl)-ethyl)-morpholine;
- 25 8) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(S)-methyl-morpholine;
- 9) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(S)-methyl-morpholine;
- 30 10) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(S)-methyl-morpholine;
- 11) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(S)-


- 5 methyl-morpholine;
- 12) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(R)-methyl-morpholine;
- 5 13) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-methyl-morpholine;
- 10 14) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(R)-methyl-morpholine;
- 15 15) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-methyl-morpholine;
- 15 16) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;
- 20 17) 4-(3-(1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;
- 20 18) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;
- 25 19) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(R)-methyl-morpholine;
- 25 20) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(R)-methyl-morpholine;
- 30 21) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;
- 22) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;
- 


- 23) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(S)-methyl-morpholine;
- 5 24) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(S)-methyl-morpholine;
- 25) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-methyl-morpholine;
- 10 26) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-phenyl-morpholine;
- 15 27) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-phenyl-morpholine;
- 28) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-phenyl-morpholine;
- 20 29) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-phenyl-morpholine;
- 30) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-6-(R)-methyl-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 25 31) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-6-(R)-methyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-3-(S)-phenyl-morpholine;
- 32) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;
- 30 33) 4-(3-(1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;


- 34) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;
- 5 35) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoro-methyl)-benzyloxy)-3-(R)-phenyl-morpholine;
- 36) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(R)-phenyl-morpholine;
- 10 37) 4-(aminocarbonylmethyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(R)-phenyl-morpholine;
- 38) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-morpholine;
- 15 39) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-morpholine;
- 40) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;
- 20 41) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-6(R)-methyl-morpholine;
- 25 42) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((6-hydroxy)-hexyl)-3-(R)-phenyl-morpholine;
- 43) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(5-(methylamino-carbonyl)pentyl)-3-(R)-phenyl-morpholine;
- 30 44) 4-(3-(1,2,4-triazolo)methyl)-2-(3,5-dimethylbenzyloxy)-3-phenylmorpholine;
- 45) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3,5-dimethyl)-
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- benzyloxy)-3-phenyl-morpholine;
- 46) 4-(3-(1,2,4-triazolo)methyl)-2-(3,5-di(tert-butyl)-
benzyloxy)-3-phenylmorpholine;
- 5
- 47) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3,5-di(tert-butyl)-
benzyloxy)-3-phenyl-morpholine;
- 48) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-methyl-
benzyloxy)-3-phenyl-morpholine;
- 10
- 49) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-
methylbenzyloxy)-3-phenyl-morpholine;
- 15
- 50) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(trifluoro-methyl)-5-
methyl-benzyloxy)-3-phenyl-morpholine;
- 51) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(trifluoro-
methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;
- 20
- 52) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-(trifluoro-
methyl)benzyloxy)-3-phenyl-morpholine;
- 53) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-
(trifluoromethyl)benzyloxy)-3-phenyl-morpholine;
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- 54) 4-(2-(imidazolo)methyl)-2-(3,5-dimethyl-benzyloxy)-3-phenyl-
morpholine;
- 30
- 55) 4-(4-(imidazolo)methyl)-2-(3,5-dimethyl-benzyloxy)-3-phenyl-
morpholine;
- 56) 4-(2-(imidazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-
phenyl-morpholine;
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- 57) 4-(4-(imidazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-phenyl-morpholine;
- 5 58) 4-(2-(imidazolo)methyl)-2-(3-(tert-butyl)-5-methylbenzyloxy)-3-phenyl-morpholine;
- 59) 4-(4-(imidazolo)methyl)-2-(3-(tert-butyl)-5-methylbenzyloxy)-3-phenyl-morpholine;
- 10 60) 4-(2-(imidazolo)methyl)-2-(3-(trifluoro-methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;
- 61) 4-(4-(imidazolo)methyl)-2-(3-(trifluoro-methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;
- 15 62) 4-(2-(imidazolo)methyl)-2-(3-(tert-butyl)-5-(trifluoromethyl)-benzyloxy)-3-phenyl-morpholine;
- 63) 2-(S)-(3,5-dichlorobenzyloxy)-3-(S)-phenyl-morpholine;
- 20 64) 2-(S)-(3,5-dichlorobenzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-3-(S)-phenylmorpholine;
- 65) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methoxycarbonylmethyl)-3-(S)-phenyl-morpholine;
- 25 66) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(carboxymethyl)-3-(S)-phenyl-morpholine;
- 30 67) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((2-aminoethyl)-aminocarbonylmethyl)-3-(S)-phenyl-morpholine;
- 68) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((3-aminopropyl)-
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- amino carbonylmethyl)-3-(S)-phenylmorpholine;
- 69) 4-benzyl-5-(S),6-(R)-dimethyl-3-(S)-phenylmorpholinone and 4-benzyl-5-(R),6-(S)-dimethyl-3-(S)-phenyl-morpholinone;
- 5
- 70) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;
- 71) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;
- 10
- 72) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(1,2,4-triazolo)methyl)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;
- 15
- 73) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo) methyl)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;
- 20
- 74) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(1,2,4-triazolo)methyl)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;
- 25
- 75) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;
- 76) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(2-(1-(4-benzyl)-piperidino)ethyl)-3-(S)-phenyl-morpholine;
- 30
- 77) 3-(S)-(4-fluorophenyl)-4-benzyl-2-morpholinone;
- 78) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl)-4-benzyl-morpholine;
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- 79) 2-(S)-(3,5-Bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl) morpholine;
- 5 80) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;
- 81) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((3-pyridyl)methyl carbonyl)-3-(R)-phenyl-morpholine;
- 10 82) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methoxycarbonylpentyl)-3-(R)-phenyl-morpholine;
- 83) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(carboxypentyl)-3-(R)-phenyl-morpholine;
- 15 84) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methylaminocarbonylpentyl)-6-oxo-hexyl)-3-(R)-phenyl-morpholine;
- 20 85) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-4-benzyl-morpholine;
- 86) 2-(R)-(1-(3,5-bis(trifluoromethyl)phenyl)ethenyloxy)-3-(S)-phenyl-4-benzyl-morpholine;
- 25 87) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 88) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 30 89) 2-(R)-(1-(S)-(3,5-Bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;
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- 90) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 93) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 94) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 10 95) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 96) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 98) 2-(R)-(1-(R)-(1-(3-(methyl)naphthyl))ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 20 99) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 100) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 101) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 30 102) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
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- 103) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 5 104) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 105) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 10 106) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 107) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 15 108) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 109) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 20 110) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 111) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 112) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 113) 2-(R)-(1-(R)-(3-(isopropoxy)-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
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- 114) 2-(R)-(1-(R)-(3-(isopropoxy)-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 115) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 116) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 10 117) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 118) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 121) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 122) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 123) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 25 124) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 125) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 126) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
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- 127) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 5 128) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 129) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 10 130) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 131) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-chloro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 132) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 133) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 25 134) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 135) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 30 136) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
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- 153) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;
- 5 154) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 157) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 10 158) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 15 161) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 162) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 165) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 166) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 169) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
- 30 170) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
- 173) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
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- 174) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 5 177) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 178) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 10 181) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 182) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 15 185) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;
- 186) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 20 189) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 25 190) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 193) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 194) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
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- 197) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 198) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 201) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl)-morpholine;
- 10 202) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl)-morpholine;
- 205) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 15 206) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 209) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 20 210) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 213) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 25 214) 2-(R)-(1-(R)-(2-Chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 30 217) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-morpholine;
- 218) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
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- 221) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 5 222) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 225) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1,2,4-triazolo)methyl)-morpholine;
- 10 226) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 229) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 15 230) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 20 233) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
- 234) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
- 25 237) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 238) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 30 241) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
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- 242) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 5 245) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 246) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 10 249) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-morpholine;
- 250) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 15 253) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl-morpholine;
- 254) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl-morpholine;
- 20 257) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 258) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 261) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 262) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 265) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
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- 266) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
- 5 269) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 270) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 10 273) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 274) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 15 277) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 20 278) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 281) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-morpholine;
- 25 282) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 285) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 30 286) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 289) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 290) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 293) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 294) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 297) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
- 15 298) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
- 301) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 20 302) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 305) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 25 306) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 30 309) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
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- 310) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 5 313) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;
- 314) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 10 317) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-1H,4H-1,2,4-triazolo)methyl-morpholine;
- 318) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 15 321) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 322) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 325) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 326) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 329) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
- 30 330) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
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- 333) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 5 334) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 337) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 10 338) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 341) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 15 342) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 345) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-morpholine;
- 20 346) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 349) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 25 350) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 30 353) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 354) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
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- 357) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl-morpholine;
- 5 358) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 361) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;
- 10 362) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;
- 365) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;
- 15 366) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;
- 20 369) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;
- 370) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;
- 25 373) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 374) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;
- 30 378) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-morpholine;
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- 379) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 380) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 381) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 382) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 383) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 384) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 20 385) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 386) 2-(R)-(1-(R)-(3-(thiomethyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 25 387) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 388) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 389) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
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- 394) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 5 395) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 396) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 10 397) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 398) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)-ethoxy)-3-(S)-(4-fluorophenyl)-morpholine;
- 15 399) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 400) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 401) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 402) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)-ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 403) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 404) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;


- 405) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 406) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 407) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 10
- 408) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 15 409) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 410) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 20
- 411) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 412) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 413) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 414) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
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- 415) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 416) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 417) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 418) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 419) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 420) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 20 421) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 422) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 25 423) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 424) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 425) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 426) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 10 427) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 428) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 429) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 20 430) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 431) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 432) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 433) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 434) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
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- 435) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 436) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 437) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 438) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 439) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 440) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 20 441) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 442) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 25 443) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 444) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 445) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 446) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 447) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 10
- 448) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 15 449) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 450) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 20
- 451) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 452) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 453) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 454) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
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- 455) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-
triazolo)methyl)-morpholine;
- 5 456) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 457) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-
10 morpholine;
- 458) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-morpholine;
- 15 459) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-
triazolo)methyl)-morpholine;
- 460) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-
20 3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 461) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-
morpholine;
- 25 462) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-
fluoro)phenyl-morpholine;
- 463) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-
30 fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-
morpholine;
- 464) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-
fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 465) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 466) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 467) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 10
- 468) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 15 469) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 494) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 20
- 495) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 496) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 497) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 498) 2-(R)-(1-(R)-(3-(thiomethyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
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- 499) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-
triazolo)methyl)-morpholine;
- 5 500) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 501) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-
3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-
10 morpholine;
- 506) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-
fluoro)phenyl-morpholine;
- 15 507) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-
fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-
morpholine;
- 508) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-
20 fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 509) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-
fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 510) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 511) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-
1,2,4-triazolo)methyl)-morpholine;
- 30 512) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-
triazolo)methyl)-morpholine;
- 513) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-
imidazolo)methyl)-morpholine;
- 

- 514) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl morpholine;
- 5 515) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 516) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 10 517) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 518) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 15 519) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 520) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 20 521) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 522) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;
- 25 523) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 524) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 525) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 


- 526) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;
- 5 527) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-
oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 528) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-
triazolo)methyl)-morpholine;
- 10 529) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-
oxo-1,3-imidazolo)methyl)-morpholine;
- 530) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-
morpholine;
- 15 531) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-
(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 532) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-
20 (3-(1,2,4-triazolo)methyl)-morpholine;
- 533) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-
(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 534) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-
fluoro)phenyl-morpholine;
- 535) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-
fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-
30 morpholine;
- 536) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-
fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 537) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 538) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-morpholine;
- 539) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 10 540) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 541) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 15 542) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-morpholine;
- 20 543) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 544) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 25 545) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 546) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-morpholine;
- 30
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- 547) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 548) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 549) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 550) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-morpholine;
- 551) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 552) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 20 553) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 554) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-morpholine;
- 25 555) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 556) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(3-(1,2,4-triazolo)methyl)-morpholine;
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- 557) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 558) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 559) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 560) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 561) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 15 562) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 563) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 20 564) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 565) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 566) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 567) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 

- 568) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 5 569) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 570) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 10 571) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 572) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 15 573) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 574) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 20 575) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 25 576) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 577) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 30 578) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;

- 579) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 5 580) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 581) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 10 582) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 583) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 15 584) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 585) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 20 586) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 25 587) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 588) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 30 589) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 

- 590) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;
- 5 591) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;
- 592) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;
- 10 593) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

or a pharmaceutically acceptable salt thereof.

15

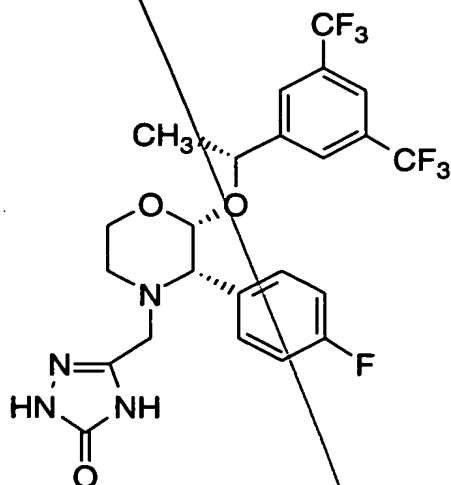


16. A compound which is:

2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-
(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-
morpholine;

or a pharmaceutically acceptable salt thereof.

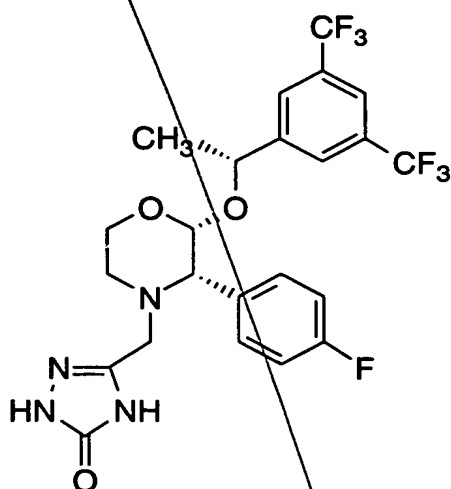
17. A compound which is:



or a pharmaceutically acceptable salt thereof.

18. A pharmaceutical composition comprising a pharmaceutically acceptable carrier and an effective amount of the compound of Claim 1.

5 ~~19.~~ A pharmaceutical composition comprising a pharmaceutically acceptable carrier and an effective amount of the compound of a compound which is:



or a pharmaceutically acceptable salt thereof.

10

20. A method for antagonizing the effect of substance P at its receptor site or for the blockade of neurokinin-1 receptors in a mammal which comprises the administration to the mammal of the compound of Claim 1 in an amount that is effective for antagonizing the effect of substance P at its receptor site in the mammal.

21. A method for antagonizing the effect of neurokinin A at its receptor site or for the blockade of neurokinin-2 receptors in a mammal which comprises the administration to the mammal of the compound of Claim 1 in an amount that is effective for antagonizing the effect of neurokinin A at its receptor site in the mammal.

20

22. A method of treating or preventing pain or nociception attributable to or associated with migraine in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

5

23. A method of treating or preventing a condition selected from the group consisting of: diabetic neuropathy; peripheral neuropathy; AIDS related neuropathy; chemotherapy-induced neuropathy; and neuralgia, in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

10

24. A method for the treatment or prevention of asthma in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1, either alone or in combination with a neurokinin-2 receptor antagonist or with a β 2-adrenergic receptor agonist.

15

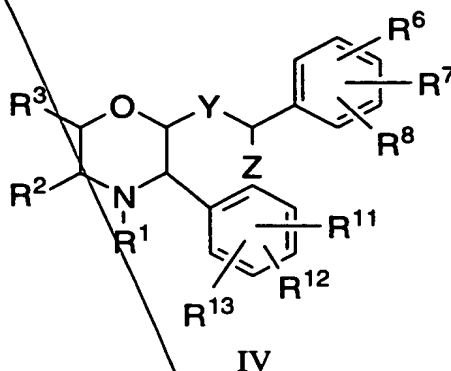
25. A method for the treatment of cystic fibrosis in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

20

26. A method for the treatment or prevention of emesis in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

25

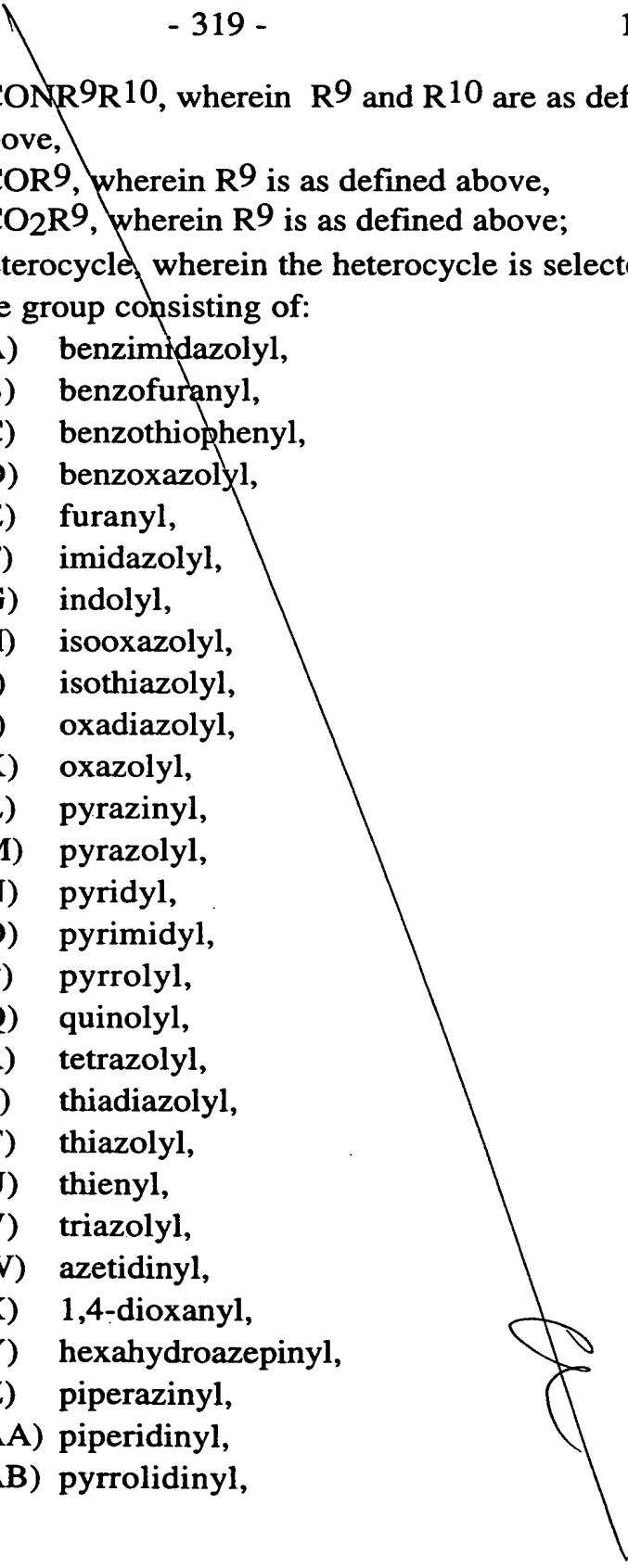
27. A process for the preparation of a compound of structural formula IV:



or a pharmaceutically acceptable salt thereof, wherein:

R¹ is selected from the group consisting of:

- (1) hydrogen;
- (2) C₁-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁-6 alkoxy,
 - (d) phenyl-C₁-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo, wherein halo is fluoro, chloro, bromo or iodo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are independently selected from:
 - (i) hydrogen,
 - (ii) C₁-6 alkyl,
 - (iii) hydroxy-C₁-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- 5
- (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (l) -COR⁹, wherein R⁹ is as defined above,
- (m) -CO₂R⁹, wherein R⁹ is as defined above;
- (n) heterocycle, wherein the heterocycle is selected from the group consisting of:
- 10
- (A) benzimidazolyl,
- (B) benzofuranyl,
- (C) benzothiophenyl,
- (D) benzoxazolyl,
- (E) furanyl,
- (F) imidazolyl,
- (G) indolyl,
- (H) isooxazolyl,
- 15
- (I) isothiazolyl,
- (J) oxadiazolyl,
- (K) oxazolyl,
- (L) pyrazinyl,
- (M) pyrazolyl,
- 20
- (N) pyridyl,
- (O) pyrimidyl,
- (P) pyrrolyl,
- (Q) quinolyl,
- (R) tetrazolyl,
- 25
- (S) thiadiazolyl,
- (T) thiazolyl,
- (U) thienyl,
- (V) triazolyl,
- (W) azetidiny,
- 30
- (X) 1,4-dioxanyl,
- (Y) hexahydroazepinyl,
- (Z) piperazinyl,
- (AA) piperidinyl,
- (AB) pyrrolidinyl,
- 

(AC) tetrahydrofuranyl, and

(AD) tetrahydrothienyl,

and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s)

selected from:

(i) C₁₋₆ alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,

(ii) C₁₋₆ alkoxy,

(iii) oxo,

(iv) hydroxy,

(v) thioxo,

(vi) -SR⁹, wherein R⁹ is as defined above,

(vii) halo,

(viii) cyano,

(ix) phenyl,

(x) trifluoromethyl,

(xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,

(xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiv) -CO₂R⁹, wherein R⁹ is as defined above, and

(xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:


(a) hydroxy,

(b) oxo,

(c) C₁₋₆ alkoxy,

(d) phenyl-C₁₋₃ alkoxy,

(e) phenyl,

- 5
- (f) -CN,
(g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above,
(k) heterocycle, wherein the heterocycle is as defined above;
- 10
- (4) C₂-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- 15
- (a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
(d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,
- 20
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 25
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 30
- (n) -COR⁹, wherein R⁹ is as defined above;
(o) -CO₂R⁹, wherein R⁹ is as defined above;
- 

R² and R³ are independently selected from the group consisting of:

- (1) hydrogen,
- (2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (l) -COR⁹, wherein R⁹ is as defined above, and
 - (m) -CO₂R⁹, wherein R⁹ is as defined above;
- (3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
 - (i) -COR⁹ wherein R⁹ is as defined above,
 - (j) -CO₂R⁹, wherein R⁹ is as defined above;

- (4) C2-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

- 5 (a) hydroxy,
(b) C1-6 alkoxy,
(c) C1-6 alkyl,
(d) C2-5 alkenyl,
(e) halo,
10 (f) -CN,
(g) -NO₂,
(h) -CF₃,
(i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
15 (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
20 (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(n) -COR⁹, wherein R⁹ is as defined above;
(o) -CO₂R⁹, wherein R⁹ is as defined above;

25 and the groups R¹ and R² may be joined together to form a heterocyclic ring selected from the group consisting of:

- 30 (a) pyrrolidinyl,
(b) piperidinyl,
(c) pyrrolyl,
(d) pyridinyl,
(e) imidazolyl,
(f) oxazolyl, and
(g) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or

substituted with one or more substituent(s) selected from:

- (i) C₁₋₆alkyl,
- (ii) oxo,
- (iii) C₁₋₆alkoxy,
- 5 (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (v) halo, and
- (vi) trifluoromethyl;

10 and the groups R² and R³ may be joined together to form a carbocyclic ring selected from the group consisting of:

- (a) cyclopentyl,
- (b) cyclohexyl,
- (c) phenyl,

15 and wherein the carbocyclic ring is unsubstituted or substituted with one or more substituents selected from:

- (i) C₁₋₆alkyl,
- (ii) C₁₋₆alkoxy,
- 20 (iii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (iv) halo, and
- (v) trifluoromethyl;

25 and the groups R² and R³ may be joined together to form a heterocyclic ring selected from the group consisting of:

- (a) pyrrolidinyl,
- (b) piperidinyl,
- (c) pyrrolyl,
- (d) pyridinyl,
- 30 (e) imidazolyl,
- (f) furanyl,
- (g) oxazolyl,
- (h) thienyl, and
- (i) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected from:

- (i) C₁₋₆alkyl,
- (ii) oxo,
- (iii) C₁₋₆alkoxy,
- (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (v) halo, and
- (vi) trifluoromethyl;

X is selected from the group consisting of:

- (1) -O-,
- (2) -S-,
- (3) -SO-, and
- (4) -SO₂-;


R⁶, R⁷ and R⁸ are independently selected from the group consisting of:

- (1) hydrogen;
- (2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- (l) -COR⁹, wherein R⁹ is as defined above, and
(m) -CO₂R⁹, wherein R⁹ is as defined above;
- (3) C₂-6 alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
(b) oxo,
(c) C₁-6 alkoxy,
(d) phenyl-C₁-3 alkoxy,
(e) phenyl,
(f) -CN,
(g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;
- (4) C₂-6 alkynyl;
- (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
(d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,
(i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- (m) $-\text{CO}_2\text{NR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(n) $-\text{COR}^9$, wherein R^9 is as defined above;
(o) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;
- 5 (6) halo,
(7) $-\text{CN}$,
(8) $-\text{CF}_3$,
(9) $-\text{NO}_2$,
(10) $-\text{SR}^{14}$, wherein R^{14} is hydrogen or C_{1-5} alkyl,
10 (11) $-\text{SOR}^{14}$, wherein R^{14} is as defined above,
(12) $-\text{SO}_2\text{R}^{14}$, wherein R^{14} is as defined above,
(13) $\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
(14) $\text{CONR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
(15) NR^9R^{10} , wherein R^9 and R^{10} are as defined above,
15 (16) $\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(17) hydroxy,
(18) C_{1-6} alkoxy,
(19) COR^9 , wherein R^9 is as defined above,
(20) CO_2R^9 , wherein R^9 is as defined above,
20 (21) 2-pyridyl,
(22) 3-pyridyl,
(23) 4-pyridyl,
(24) 5-tetrazolyl,
(25) 2-oxazolyl, and
25 (26) 2-thiazolyl;

R^{11} , R^{12} and R^{13} are independently selected from the definitions of R^6 , R^7 and R^8 ;




Y is selected from the group consisting of:

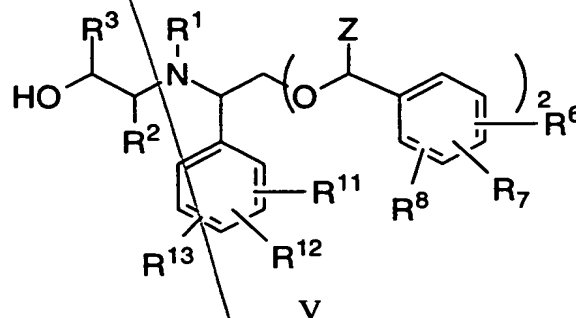
- (1) a single bond,
- (2) -O-,
- (3) -S-,
- 5 (4) -CO-,
- (5) -CH₂-,
- (6) -CHR¹⁵-, and
- (7) -CR¹⁵R¹⁶-, wherein R¹⁵ and R¹⁶ are independently selected from the group consisting of:
 - 10 (a) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (i) hydroxy,
 - (ii) oxo,
 - 15 (iii) C₁₋₆ alkoxy,
 - (iv) phenyl-C₁₋₃ alkoxy,
 - (v) phenyl,
 - (vi) -CN,
 - (vii) halo,
 - 20 (viii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (ix) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (x) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - 25 (xi) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (xii) -COR⁹, wherein R⁹ is as defined above, and
 - (xiii) -CO₂R⁹, wherein R⁹ is as defined above;
 - 30 (b) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
 - (i) hydroxy,
 - (ii) C₁₋₆ alkoxy,
 - (iii) C₁₋₆ alkyl,

- 5
- (iv) C₂₋₅ alkenyl,
(v) halo,
(vi) -CN,
(vii) -NO₂,
(viii) -CF₃,
(ix) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰
are as defined above,
(x) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as
defined above,
10 (xi) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as
defined above,
(xii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as
defined above,
(xiii) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as
15 defined above,
(xiv) -COR⁹, wherein R⁹ is as defined above, and
(xv) -CO₂R⁹, wherein R⁹ is as defined above;

20 Z is C₁₋₆ alkyl;

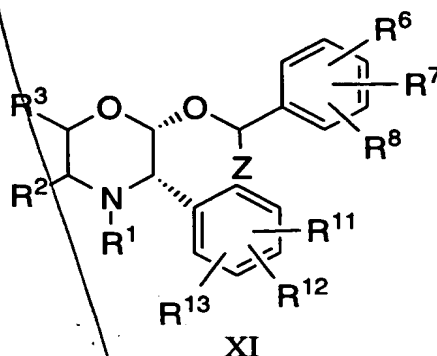


which comprises contacting a compound of formula V:



- 5 wherein R¹, R², R³, R⁶, R⁷, R⁸, R¹¹, R¹² and R¹³ are as defined above;
- with an inorganic or an organic acid selected from the group consisting of:
 - toluenesulfonic acid, methanesulfonic acid, sulfuric acid,
 - 10 hydrochloric acid and mixtures thereof,
- in an aprotic solvent selected from the group consisting of:
 - toluene, benzene, dimethylformamide, tetrahydrofuran,
 - diethylether, dimethoxyethane, ethyl acetate, and mixtures thereof,
- 15 at a temperature from 0°C to solvent reflux temperature for a sufficient time to produce a compound of structural formula IV.

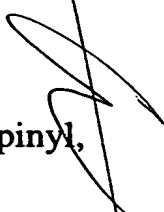
28. A process for the preparation of a compound of structural formula XI:



or a pharmaceutically acceptable salt thereof, wherein:

5 R¹ is selected from the group consisting of:

- (1) hydrogen;
- (2) C₁-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁-6 alkoxy,
 - (d) phenyl-C₁-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are independently selected from:
 - (i) hydrogen,
 - (ii) C₁-6 alkyl,
 - (iii) hydroxy-C₁-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- 5
- (k) ~~-CONR⁹R¹⁰~~, wherein R⁹ and R¹⁰ are as defined above,
- (l) ~~-COR⁹~~, wherein R⁹ is as defined above,
- (m) ~~-CO₂R⁹~~, wherein R⁹ is as defined above;
- (n) heterocycle, wherein the heterocycle is selected from the group consisting of:
- 10 (A) benzimidazolyl,
(B) benzofuranyl,
(C) benzothiophenyl,
(D) benzoxazolyl,
(E) furanyl,
(F) imidazolyl,
(G) indolyl,
(H) isooxazolyl,
15 (I) isothiazolyl,
(J) oxadiazolyl,
(K) oxazolyl,
(L) pyrazinyl,
(M) pyrazolyl,
20 (N) pyridyl,
(O) pyrimidyl,
(P) pyrrolyl,
(Q) quinolyl,
(R) tetrazolyl,
25 (S) thiadiazolyl,
(T) thiazolyl,
(U) thienyl,
(V) triazolyl,
(W) azetidiny, 
30 (X) 1,4-dioxanyl,
(Y) hexahydroazepinyl,
(Z) piperazinyl,
(AA) piperidinyl,
(AB) pyrrolidinyl,

(AC) tetrahydrofuranyl, and

(AD) tetrahydrothienyl,


and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s) selected from:

- (i) C1-6 alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,
 - (ii) C1-6 alkoxy,
 - (iii) oxo,
 - (iv) hydroxy,
 - (v) thioxo,
 - (vi) -SR⁹, wherein R⁹ is as defined above,
 - (vii) halo,
 - (viii) cyano,
 - (ix) phenyl,
 - (x) trifluoromethyl,
 - (xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,
 - (xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (xiv) -CO₂R⁹, wherein R⁹ is as defined above, and
 - (xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;
- (3) C2-6 alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
 - (b) oxo,
 - (c) C1-6 alkoxy,
 - (d) phenyl-C1-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,

- 5
- (h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
- (i) -COR⁹ wherein R⁹ is as defined above,
- (j) -CO₂R⁹, wherein R⁹ is as defined above,
- (k) heterocycle, wherein the heterocycle is as defined above;
- (4) C₂₋₆ alkynyl;
- (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- 10
- (a) hydroxy,
- (b) C₁₋₆ alkoxy,
- (c) C₁₋₆ alkyl,
- (d) C₂₋₅ alkenyl,
- (e) halo,
- 15
- (f) -CN,
- (g) -NO₂,
- (h) -CF₃,
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
- 20
- (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 25
- (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (n) -COR⁹, wherein R⁹ is as defined above;
- (o) -CO₂R⁹, wherein R⁹ is as defined above;
- 30

R² and R³ are independently selected from the group consisting of:

- (1) hydrogen,
- (2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:

- 5
- (a) hydroxy,
(b) oxo,
(c) C1-6 alkoxy,
(d) phenyl-C1-3 alkoxy,
(e) phenyl,
(f) -CN,
(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined
10 above,
(j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
15 (l) -COR⁹, wherein R⁹ is as defined above, and
(m) -CO₂R⁹, wherein R⁹ is as defined above;
- (3) C2-6 alkenyl, unsubstituted or substituted with one or more
of the substituent(s) selected from:
20 (a) hydroxy,
(b) oxo,
(c) C1-6 alkoxy,
(d) phenyl-C1-3 alkoxy,
(e) phenyl,
(f) -CN,
25 (g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined
above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;
- 30 (4) C2-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the
substituent(s) selected from:
(a) hydroxy,
(b) C1-6 alkoxy,
- 

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- (c) C₁₋₆ alkyl,
- (d) C₂₋₅ alkenyl,
- (e) halo,
- (f) -CN,
- (g) -NO₂,
- (h) -CF₃,
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
- (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (n) -COR⁹, wherein R⁹ is as defined above;
- (o) -CO₂R⁹, wherein R⁹ is as defined above;

and the groups R¹ and R² may be joined together to form a heterocyclic ring selected from the group consisting of:

- (a) pyrrolidinyl,
- (b) piperidinyl,
- (c) pyrrolyl,
- (d) pyridinyl,
- (e) imidazolyl,
- (f) oxazolyl, and
- (g) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected from:

- (i) C₁₋₆alkyl,
- (ii) oxo,
- (iii) C₁₋₆alkoxy,
- (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- (v) halo, and
- (vi) trifluoromethyl;

and the groups R² and R³ may be joined together to form a carbocyclic ring selected from the group consisting of:

- 5 (a) cyclopentyl,
- (b) cyclohexyl,
- (c) phenyl,

and wherein the carbocyclic ring is unsubstituted or substituted with one or more substituents selected from:

- 10 (i) C₁₋₆alkyl,
- (ii) C₁₋₆alkoxy,
- (iii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 15 (iv) halo, and
- (v) trifluoromethyl;

and the groups R² and R³ may be joined together to form a heterocyclic ring selected from the group consisting of:


- 20 (a) pyrrolidinyl,
- (b) piperidinyl,
- (c) pyrrolyl,
- (d) pyridinyl,
- (e) imidazolyl,
- (f) furanyl,
- 25 (g) oxazolyl,
- (h) thienyl, and
- (i) thiazolyl,


and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected from:

- 30 (i) C₁₋₆alkyl,
- (ii) oxo,
- (iii) C₁₋₆alkoxy,
- (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

- (v) halo, and
- (vi) trifluoromethyl;

R⁶, R⁷ and R⁸ are independently selected from the group consisting of:

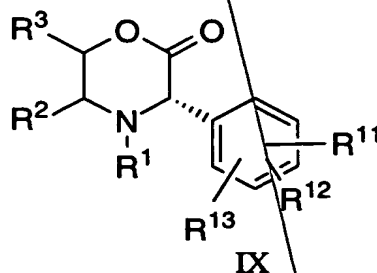
- 5 (1) hydrogen;
 - (2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - 10 (c) C₁₋₆ alkoxy,
 - (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - 15 (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - 20 (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (l) -COR⁹, wherein R⁹ is as defined above, and
 - (m) -CO₂R⁹, wherein R⁹ is as defined above;
 - 25 (3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁₋₆ alkoxy,
 - 30 (d) phenyl-C₁₋₃ alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
- 

- 5
- (h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
- (i) -COR⁹ wherein R⁹ is as defined above,
- (j) -CO₂R⁹, wherein R⁹ is as defined above;
- 10
- (4) C₂₋₆ alkynyl;
- (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
- (a) hydroxy,
- (b) C₁₋₆ alkoxy,
- (c) C₁₋₆ alkyl,
- (d) C₂₋₅ alkenyl,
- (e) halo,
- (f) -CN,
- (g) -NO₂,
- 15
- (h) -CF₃,
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
- (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 20
- (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 25
- (n) -COR⁹, wherein R⁹ is as defined above;
- (o) -CO₂R⁹, wherein R⁹ is as defined above;
- (6) halo,
- (7) -CN,
- 30
- (8) -CF₃,
- (9) -NO₂,
- (10) -SR¹⁴, wherein R¹⁴ is hydrogen or C₁₋₆alkyl,
- (11) -SOR¹⁴, wherein R¹⁴ is as defined above,
- (12) -SO₂R¹⁴, wherein R¹⁴ is as defined above,
- 

- (13) $\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
- (14) $\text{CONR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
- (15) NR^9R^{10} , wherein R^9 and R^{10} are as defined above,
- (16) $\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
- 5 (17) hydroxy,
- (18) C_{1-6} alkoxy,
- (19) COR^9 , wherein R^9 is as defined above,
- (20) CO_2R^9 , wherein R^9 is as defined above,
- (21) 2-pyridyl,
- 10 (22) 3-pyridyl,
- (23) 4-pyridyl,
- (24) 5-tetrazolyl,
- (25) 2-oxazolyl, and
- (26) 2-thiazolyl;

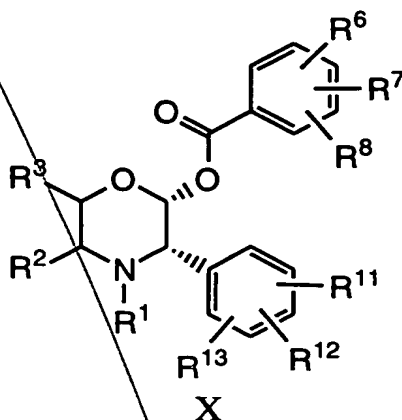
15 R^{11} , R^{12} and R^{13} are independently selected from the definitions of R^6 , R^7 and R^8 ;
 Z is C_{1-6} alkyl;

20 which comprises contacting a compound of formula IX:



wherein R^1 , R^2 , R^3 , R^{11} , R^{12} and R^{13} are defined as above;
 with a hydride reducing agent selected from a group consisting of:
 diisobutylaluminum hydride: lithium tri(sec-butyl)borohydride: and
 25 lithium aluminum hydride; in an organic solvent at low temperature;
 followed by acylation of the resultant alcohol/alkoxide with a substituted
 benzoyl halide, substituted benzoic anhydride, substituted benzoic mixed
 anhydride or substituted activated benzoate ester (e.g. p-nitrophenyl

ester or N-hydroxysuccinimide ester), in which the phenyl ring of these acylating agents is substituted with R⁶, R⁷, and R⁸ as defined above, in an organic solvent at low temperature for a sufficient time to produce a compound of structural formula X:



5

and subsequently contacting the compound of formula X with a titanium ylide (generated from reagents selected from: μ -chloro- μ -methylene-(bis(cyclopentadienyl)titanium)dimethylaluminum; or dimethyl titanocene; or the reagent prepared by the reduction of a 1,1-dibromoalkane with zinc and titanium tetrachloride in the presence of N,N,N',N'-tetramethylethylenediamine) to afford an enol ether which is then hydrogenated in the presence of a catalyst selected from palladium on carbon, platinum on carbon, or rhodium on carbon to afford the compound of formula XI.

10

15

add
a'